

A2X
distribution such that the variance in the longest dimension is less than 15% of the average longest dimension.

Cancel claim 4.

Claim 3, line 1: change "of" to --or--.

Claims 5, 6, 7, 10, 11 and 12: line 1 of each claim: change "4" to --18--.

Kindly add the following new claims 14-27:

14. A molecular sieve as claimed in claim 3 which is an MFI type zeolite.

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15. A molecular sieve as claimed in claim 3 which is an MEL type zeolite.

16. A molecular sieve as claimed in claim 3 which is a beta type zeolite.

17. A molecular sieve as claimed in claim 1 having an average crystal or agglomerate size in the range of about 25 to 80 nm.

18. A process for preparing a molecular sieve comprising single crystals or agglomerates having an average largest dimension of 100 nm or less and having a crystal or agglomerate size distribution such that the variance in the longest dimension is less than 15% of the average longest dimension, and which crystals or agglomerates are capable of forming a ^{stable} colloidal suspension, comprising:

a) forming a synthesis mixture comprising a source of silica, an organic structure directing agent in the form of a hydroxide and

water, said agent being present in said mixture in an amount sufficient to cause substantially complete dissolution of the silica source present in the mixture;

b) boiling said synthesis mixture for a period of time until said source silica is substantially completely dissolved; and

c) crystallizing said synthesis mixture at an elevated temperature ^{of 120°C or less} and for a period of time sufficient to form said molecular sieve.

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19. The process of claim 18 wherein said crystallization temperature is about 90°C or less.

20. The process of claim ¹⁹ wherein said crystallization temperature is in the range of about 50 to 90°C.

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21. The process of claim ¹⁹ wherein said molecular sieve has an average crystal or agglomerate size of about 25 to 90 nm. ^{and said molecular sieve is a beta type zeolite}

22. The colloidal suspension of claim 13 in which the average variance of the longest dimension is less than 10% of the average longest dimension.

23. The colloidal suspension of claim 13 in which the colloid is an MFI, MEL or beta-type zeolite.

24. The colloidal suspension of claim 23 in which the colloid is an MFI type zeolite.

25. The colloidal suspension of claim 23 in which the colloid is an MEL type zeolite.

26. The colloidal suspension of claim 23 in which the colloid is a beta type zeolite.